

Claims

I claim:

1. A modular plug-in electrical wiring system for selective placement in a recess of a wall, said system comprising:

a.) a first electrical modular unit consisting of a housing formed by a pair of side walls, a bottom wall, a top wall, where said walls combine to define an open face, and a rear wall, said rear wall characterized by a pair of spaced apart shoulder members having access means for receiving plural connectors along a first surface, and plural electrical access openings in electrical communication with said plural connectors along a second surface, and external means for securing said housing within said wall recess; and,

b.) a second electrical modular unit removably matable with said first electrical modular unit, said second modular unit comprising a face plate with a U-shaped housing extending rearwardly therefrom, said U-shaped housing featuring a pair of legs having plural metal arms extending from said legs for electrical engagement with said electrical access openings, and means on said face plate for electrically activating said mated modular units.

2. The modular plug-in electrical wiring system according to claim 1, including means to removably secure said second modular unit to said first modular unit.

3. The modular plug-in electrical wiring system according to claim 1, wherein said U-shaped housing is sized for sliding engagement within said housing of said first modular unit.

4. The modular plug-in electrical wiring system according to claim 1, including openings on said top and bottom walls for receiving external conductors for engagement within said first modular unit.

5. The modular plug-in electrical wiring system according to claim 1, wherein said means on said face plate is at least one ON/OFF switch.

6. The modular plug-in electrical wiring system according to claim 1, wherein said means on said face plate is a plug-in receptacle for receiving an electrical connection to an appliance.

7. The modular plug-in electrical wiring system according to claim 2, wherein means to removably secure said units together comprises a pair of rearwardly directed ribs on said top and bottom walls, each containing a threaded slot, and a pair of aligned apertures on said face plate for receiving complementary threaded fasteners for threaded engagement with said threaded slots.

8. A modular plug-in electrical wiring system for mounting on a wall/ceiling, said system comprising:

a.) a housing for mounting to said wall/ceiling, where said housing includes a fixed electrical modular unit having an open face containing plural electrical access openings; and,

b.) an electrical appliance including a second electrical modular unit for removably mating with said first electrical modular unit, where said second electrical modular unit includes plural legs for removably mating with said access openings.

9. The modular plug-in electrical wiring system according to claim 8, wherein said electrical appliance is a ceiling fan.

10. The modular plug-in electrical wiring system according to claim 8, wherein said electrical appliance is a smoke alarm.